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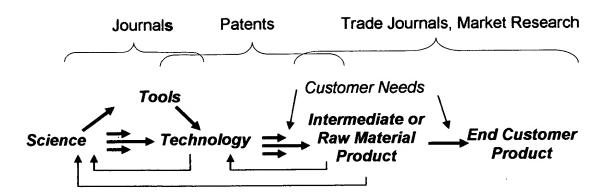


Fig. 1



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	010
Select a set from all US patents for analysis	010
↓	020
Determine the type of analysis needed: manual or automated.	020
↓	
Parse the selected patent set into patent sections in a spreadsheet or database compatible format.	030
Companie format.	
V	040
Identify keyword themes within a patent by analyzing the vocabulary in a patent abstract.	040
↓	
Change the form of the key analysis words so that all words are the same tense.	050
<u> </u>	
Sort the list by frequency of occurrence, and remove words that occur only once.	060
<u> </u>	
Form a word correlation matrix to identify frequent word pair themes.	070
V	
Identify word pair groups that form technology topics.	080
Technology topics are potentially composed of multiple word pairs.	UOU
→	
Connect a patent with a word pair theme and/or a technology topic.	090
<u> </u>	
Form a picture of the technology topic evolution base on the patent set initially selected.	100
<u> </u>	
Selectively highlight the technology topic evolution picture in order to identify	110
patterns of development.	110
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Identify patterns useful in technology evaluation, investment and R&D decisions.] 120

Fig. 2



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Fig. 7a

Patenting Statistics: An Indicator of Technology Status

Pattern	Biotechnology	Laundry Detergent	Cosmetics/Perfume	Wells, Drilling
Abstract	13	0	6	1
Book	74	10	10	8
Brochure	7	17	12	2
Government	2	0	1	0
Journal	650	9	80	23
Newspaper	60	. 0	0	0
Other	4	17	0	0
Patent	1	9	1	3
TOTAL	811	62	110	37
Number of Patents	13	10	11	11
Journal Refs/Patent	62.4	6.2	10	3.4

Categorization & Identification Accuracy				
Run 2	Category	Ref.		
ОК	99.12%	98.25%		

Fig. 7b



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Patent Class Statistics

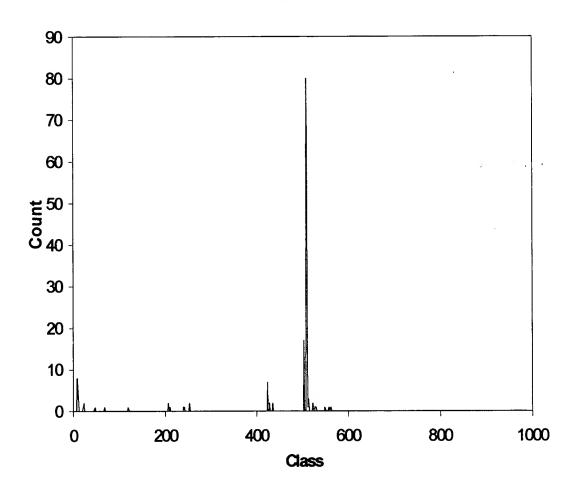


Fig. 8